

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60907 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 19 2012

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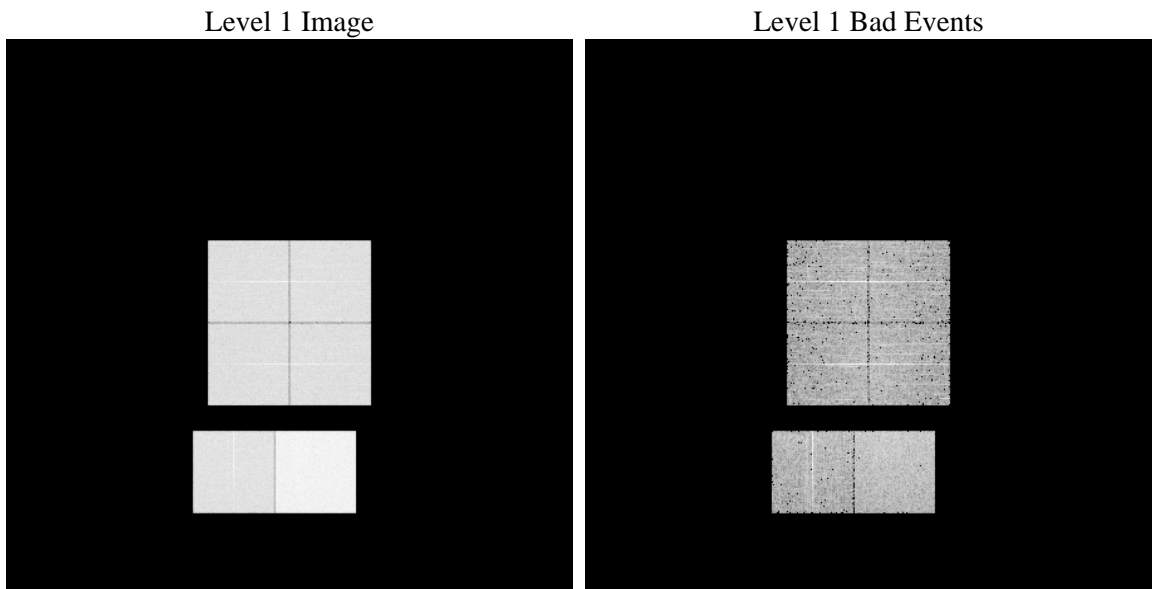
1 Front

seq_num	 	Sequence number
obs_id	60907	Observation id
title	ACIS-012367 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	0.0	Observer's specified target RA [deg]
dec_targ	0.0	Observer's specified target Dec [deg]
ra_nom	94.16488841776	Nominal RA [deg]
dec_nom	49.582657896894	Nominal Dec [deg]
roll_nom	184.41524241528	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7795.1999709606	Sum of GTIs [s]
livetime	7696.4924552224	Livetime [s]
ontime0	4064.840919286	Sum of GTIs [s]
ontime1	4213.9262176752	Sum of GTIs [s]
ontime2	3937.6039118469	Sum of GTIs [s]
ontime3	3992.5364458859	Sum of GTIs [s]
ontime6	4297.3944241107	Sum of GTIs [s]
ontime7	7795.1999709606	Sum of GTIs [s]
l2events	1198331	Number of level 2 events

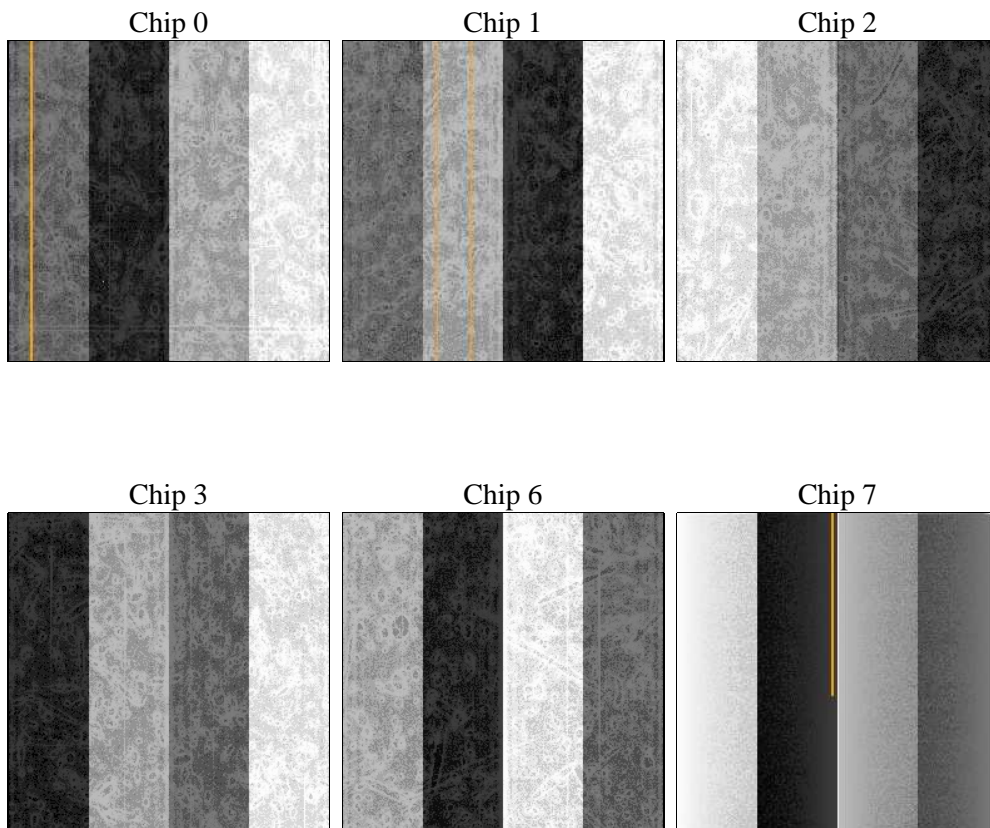
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	7795.1999709606	Sum of GTIs [s]
caldbver	4.5.2	 	ontime0	4064.840919286	Sum of GTIs [s]
date	2012-10-19T18:09:43	Date and time of file creation	ontime1	4213.9262176752	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	3937.6039118469	Sum of GTIs [s]
			ontime3	3992.5364458859	Sum of GTIs [s]
			ontime6	4297.3944241107	Sum of GTIs [s]
			ontime7	7795.1999709606	Sum of GTIs [s]
			l1events	1428541	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	202595	208769	197977	201933	224432	392835	grade 0 events	96829	100219	96689	98635	106777	89593
rejected events	27435	26743	25706	27624	29106	39224		47%	48%	48%	48%	47%	22%
rejected %	13%	12%	12%	13%	12%	9%	grade 1 events	508	452	579	593	506	232
								0%	0%	0%	0%	0%	0%
							grade 2 events	30779	32325	29578	29463	33785	78642
								15%	15%	14%	14%	15%	20%
							grade 3 events	11340	11533	11075	11156	12154	36163
								5%	5%	5%	5%	5%	9%
							grade 4 events	11150	11603	10969	11313	12045	35574
								5%	5%	5%	5%	5%	9%
							grade 5 events	1783	1815	1781	1985	2139	7807
								0%	0%	0%	0%	0%	1%
							grade 6 events	25200	26485	23960	23742	30565	113787
								12%	12%	12%	11%	13%	28%
							grade 7 events	25006	24337	23346	25046	26461	31037
								12%	11%	11%	12%	11%	7%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	94.16488841775981	Alternating exposures requested	N	N
[deg] Pointing Dec	0	49.58265789689353	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	184.415242415283			
[mm] SIM focus pos	-0.782348	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-233.592463	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	157400514.076724	157400513.05199			
Observation start date	2002-12-27T18:21:54	2002-12-27T18:21:53			
[s] Observation end time (MET)	157412240.077214	157412239.05248			
Observation end date	2002-12-27T21:37:20	2002-12-27T21:37:19			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.11.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7951999709606

A.2 Comments